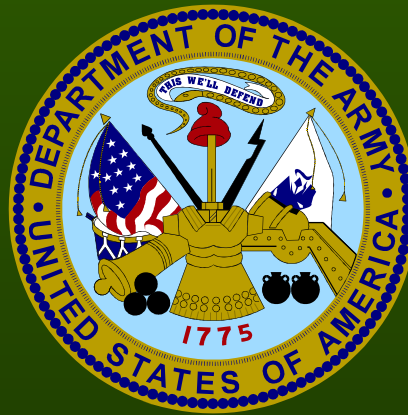


# COCAINE



# ***COCAINE CONTENT***

## ***✦ What is Cocaine?***

***✦ History***

***✦ How Is Cocaine Consumed?***

## ***✦ What are the Effects?***

***✦ Physical Damage***

***✦ Physiological Damage***

## ***✦ Addiction and Withdrawal***

## ***✦ Use in the United States***

## ***✦ Testing for Cocaine***

## ***✦ Useful Links***



# ***WHAT IS COCAINE?***

- ***The Chemical Name for cocaine is benzoylemethylecognine.***
- ***Cocaine is a bitter, white, odorless, crystalline drug.***
- ***Cocaine is a Schedule II drug and is illegal to possess and sell in the United States.***
- ***Cocaine is extracted and refined from the Coca Plant, which is grown primarily in the Andean region of South America.***

# ***HISTORY of COCAINE***

**3000 B.C.** *The Coca Plant is believed to be a gift from God and Coca chewing is practiced throughout South America.*

**1662** *Abraham Cowley writes a poem about Coca "A Legend of Coca". This is the first mention of the plant in English literature.*

**1708** *Coca is first mentioned in a materia medica, Institutiones Medicae.*

**1850's** *Coca tinctures used in throat surgery.*

**1855** *Cocaine is extracted from Coca leaves for the first time.*

**1862** *Merck produces ¼ pound of cocaine.*



# ***HISTORY of COCAINE***



**1870** Coca wine is sold throughout the United States and France with an average of 7mg of cocaine per ounce of wine.

**1870s** Parke, Davis manufactures a fluid extract of Coca.

**1883** Merck produces  $\frac{3}{4}$  pound of cocaine.

**1884** Cocaine is regularly used as an anesthetic in eye surgery.

**1884** Sigmund Freud publishes an article in which he recommends the use of cocaine to treat morphine addiction.

**1884** Merck produces 3,179 pounds of cocaine.

# ***HISTORY of COCAINE***

***1886*** Merck produces 158,352 pounds of cocaine.

***1886*** Coca Cola is first produced containing syrup and caffeine laced with cocaine.

***1880s*** Parke, Davis manufacture refined cocaine.

***1905*** The consumption of cocaine via snorting begins to gain popularity.

***1910*** First cases of nasal damage due to snorting cocaine are seen in hospitals.

***1912*** Over 5,000 cocaine related deaths are reported in the United States.





# ***HISTORY of COCAINE***



***1914 Cocaine is banned in the United States.***

***1976 Freebase cocaine (Crack) is first developed.***

***1980s Crack is popularized by dealers and glamorized by the Hollywood media.***

***1981 Wholesale cost of 1 kg of cocaine is \$55,000.***

***1984 Wholesale cost of 1 kg of cocaine is \$25,000.***

***Mid 1980s Crack becomes the most addictive form of cocaine.***

# ***STREET NAMES***

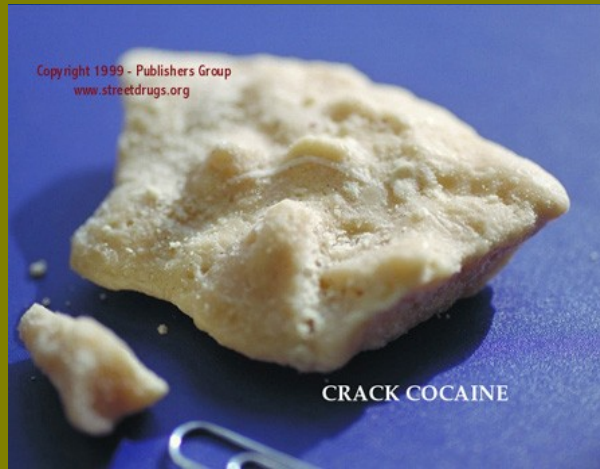
***Cocaine can be found on the street using an infinite number of street names and slang:***

▣ **DUST**

▣ **COKE**

▣ **FLAKES**

▣ **SNOW**



▣ **PEARL**

▣ **BLOW**

▣ **HEAVEN**

▣ **BLOKE**

▣ **CABELLO**

▣ **DREAM**

▣ **CRACK**

▣ **CANDY**



# ***HOW IS COCAINE CONSUMED?***

***Cocaine can be snorted,  
injected, smoked, or eaten. The  
level and length of the effects  
depend on how the drug was  
induced.***

	Onset	Duration
Snorted	1 minute	20-40 Minutes
Injected	1-5 Seconds	15-20 Minutes
Smoked	Immedia	5-15



Crack  
Image from the Publisher Group

# PHYSICAL EFFECTS



***While even the purest cocaine is extremely dangerous, the cocaine that is purchased on the street is even more so as it is often quite impure. Physical side effects that have been known to accompany***

- » ***Decreased Appetite***
- » ***Increased Body Temperature***
- » ***Increased Heart Rate***
- » ***Dilated Pupils***
- » ***Nausea/Vomiting***

- » ***Severe Nose Damage - When Snorted***
- » ***Violent Behavior***
- » ***Kidney Failure***
- » ***Seizure and/or Stroke***

- » ***Heart Attack***

# ***PHYSIOLOGICAL EFFECTS***

***The physiological effects of cocaine vary more than the physical depending on the size of dose and user tolerance:***

- » ***Increased Alertness***
- » ***Increases Athletic Performance***
- » ***Decreased Fatigue***
- » ***Increased Concentration***
- » ***Insomnia***
- » ***Increased Irritability***
- » ***Increased Psychosis***

- » ***Confused Behavior***
- » ***Increased Fear***
- » ***Extreme Paranoia***
- » ***Anxiety Attacks***
- » ***Hallucinations (in extreme cases)***
- » ***Express Aggressive and Anti-social Behavior***

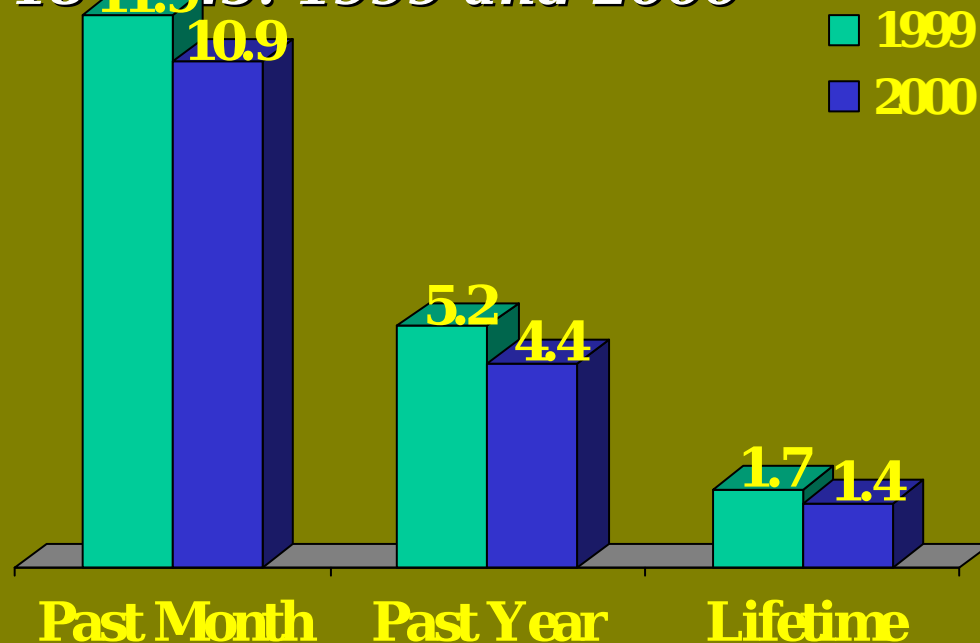
# ***ADDICTION AND WITHDRAWAL***

***Cocaine is considered to be one of the most addicting drugs consumed by man. Those who use cocaine heavily or regularly find it extremely difficult to stop and often encounter serious withdrawal symptoms such as:***

- ***Intense Cravings***
- ***Severe Irritability***
- ***Depression***
- ***Paranoia***
- ***Severe Apathy***
- ***Loss of Sex Drive***
- ***Insomnia***
- ***Excessive Sleep***
- ***Hunger***
- ***Diarrhea***
- ***Suicidal Ideation***
- ***Heart Attack***

# ***COCAINE USE IN THE UNITED STATES***

***Percentages Reporting Lifetime, Past Year, and  
Past Month Use of Illicit Drugs Among Persons  
Aged 18-25: 1999 and 2000***



***\*\*\*2000 National Household Survey On  
Drug Abuse***

# ***COCAINE TESTING IN THE ARMY***

- ***Cocaine is tested for in ALL urinalysis specimen.***
- ***Cocaine is detectable for urine for 2-4 days after ingestion.***
- ***Current Urinalysis data can be found at [www.acsap-army.org](http://www.acsap-army.org)***



# ***ADDITIONAL RESOURCES***

- ***<http://www.erowid.org/chemicals/cocaine/cocaine.shtml>***
- ***<http://www.nida.nih.gov/Infofax/cocaine.html>***
- ***<http://www.health.org>***
- ***<http://www.usdoj.gov/dea/concern/cocaine.htm>***
- ***<http://www.whitehousedrugpolicy.gov/drugfact/cocaine/index.html>***



# **UNITED STATES ARMY CENTER FOR SUBSTANCE ABUSE PROGRAMS**



**For more Information Contact:  
ACSAP**

**E-mail: [upl.acsap@usadaoa-emh1.army.mil](mailto:upl.acsap@usadaoa-emh1.army.mil)**